

Claims

1. Container with bottom shell (1) and cover shell (2), and with means for interlocking the cover shell with the bottom shell, **characterized in**

that the circular opening rim (3) of bottom shell (1) has at least two first sections (6, 6', 6'', 6''') provided with radial extension (8, 8', 8''), each having at least one undercut (4, 4', 4'', 4'''),

that cover shell (2) has, at its opening rim (3'), at least two second sections (7, 7', 7'', 7''') corresponding to the first sections as far as the radial extension (8, 8', 8'') is concerned,

and that each of the second sections (7, 7', 7'', 7''') has at least one undercut (5, 5', 5'', 5'''), which corresponds to the undercut (4, 4', 4'', 4''') of the appertaining first section (6, 6', 6'', 6''') so that, during a rotation of bottom shell (1) relative to cover shell (2), interlocking in the area of the undercuts (4, 4', 4'', 4''', 5, 5', 5'', 5''') of the first and associated second sections takes place.
2. Container according to Claim 1, **characterized in that** the first section (6, 6', 6'', 6''') and the corresponding second section (7, 7', 7'', 7'''), have, in a cross section, the shape of the letter Z.
3. Container according to Claim 1, **characterized in that** the first section (6, 6', 6'', 6''') and the corresponding second section (7, 7', 7'', 7''') have, in a cross section, a profile that comprises three radial extension areas (8, 8', 8''), between which at least one undercut (4) as well as, as the case may be, a vertical area (9) is arranged.

4. Container according to one of the Claims 1 to 3, **characterized in that** the first section (6, 6', 6", 6''') and the second section (7, 7', 7", 7''') have an undercut (4, 5) that is designed thread-like.
5. Container according to Claim 1, **characterized in that** the first section (6, 6', 6", 6''') and the second section (7, 7', 7", 7''') each have at least one thread cord (10, 10').
6. Container according to one of the Claims 1 to 5, **characterized in that** the first section (6, 6', 6", 6''') and the second section (7, 7', 7", 7''') have ramps (11, 11') that correspond to each other.
7. Container according to Claim 6, **characterized in that** the ramps (11, 11') are designed thread-like.
8. Container according to one of the Claims 1 to 7, **characterized in that** the first sections (6, 6', 6", 6''') and the second sections (7, 7', 7", 7''') have a continually increasing radial extension.
9. Container according to one of the Claims 1 to 8, **characterized in that** the first section (6, 6', 6", 6''') and the second section (7, 7', 7", 7''') each have, in the area of their greatest radial distance from the center of the opening rim concerned, a marking (12, 12', 12", 12''', 12a, 12a', 12a", 12a''').

10. Container according to one of the Claims 1 to 9, **characterized in that** the cover shell (1) and/or the bottom shell (2) have at least one recess (13, 17).
11. Container according to one of the Claims 1 to 10, **characterized in that** the lower area of bottom shell (1) and/or cover shell (2) is designed polygonally.
12. Container according to one of the Claims 1 to 11, **characterized in that** bottom shell (1) or cover shell (2) is equipped with a gasket (14) in the lock area.
13. Container according to one of the Claims 1 to 12, **characterized in that**, in the locked state, bottom shell (1) and cover shell (2), in each case, are situated on top of each other in at least one rim area (14a, b).
14. Container according to one of the Claims 1 to 13, **characterized in that** rim area (14b) of cover shell (2) is adjacent to the inside of the wall of bottom shell (1).
15. Container according to one of the Claims 1 to 14, **characterized in that** cover shell (2) has a rim indent (2a), which extends into the interior of bottom shell (1).

[10 pages Illustrations]